

US LHC Accelerator Project		Baseline Change Request
BCR Number	65	
WBS	1.3.1 SC Testing	
Title	SC Testing Completion Milestone Definitions	
Change Control Level	2	
Originator	J. Strait	
Date	19 May 2004	

Description of change

The definitions of the Level 2 and Level 3 milestones that define the completion of the superconductor testing task are changed, and the baseline date for the Level 3 milestone is changed, to correspond to the program plan approved in BCR 55. Specifically, the milestone definitions are shown in Table 1 (current definitions) and Table 2 (new definitions).

Table 1. Current SC Test Completion Milestones

Milestone No.	Title	Definition	Date
2-1.3-30	Series wire and cable testing complete	All tests of wire and cable to be used in production LHC arc dipoles and quadrupoles have been performed.	30 Sep 05
3-1.3.1-4C	Series testing complete	Completion of testing of wire and cable under all contracts for LHC main dipole and quadrupole production.	31 Mar 05

Table 2. New SC Test Completion Milestones

Milestone No.	Title	Definition	Date
2-1.3-30	Series wire and cable testing complete	All tests of wire and cable as specified in Appendix 3 of the US-CERN Implementing Arrangement have been completed.	30 Sep 05
3-1.3.1-4C	Series testing complete	All tests of wire and cable as specified in Appendix 3 of the US-CERN Implementing Arrangement have been completed.	30 Apr 05

CERN approval is required for the change to the Level 2 milestone in this BCR, and this approval is documented in Attachment 1.

Reason for change

The previous definition is not compatible with the currently defined work scope, as specified in BCR 55. The new definition ties the milestones for the completion of testing directly to the US-CERN agreement specifying the superconductor testing work scope. The new work scope specified in BCR 55 allows for cable testing through early April 2005, later than the old level 3 milestone date.

Impact on other sub-systems

None

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Impact on cost

None

Impact on schedule

None. The change in the schedule for cable testing that requires the change in the level 3 milestone has already been approved as the new baseline in BCR 55.

Other impacts (ES&H, etc.)

None

Change Control Board recommendation (if required)

Approvals

Arup K. Ghosh
WBS Level 3 Manager

5/26/04
Date

[Signature]
Laboratory Project Manager

5/26/04
Date

[Signature]
Change Control Board Chair

26 May 04
Date

[Signature]
US LHC Accelerator Project Manager

26 May 04
Date

Pepi D. Carola
DOE LHC Project Director

5/26/04
Date

Joint Oversight Group (DOE Co-Chair)

Date

Subject: RE: [Fwd: SC Test Completion Milestone Definition]
From: Philip Bryant <Philip.Bryant@cern.ch>
Date: Wed, 26 May 2004 09:04:24 +0200
To: James Strait <strait@fnal.gov>
CC: Lyn Evans <Lyn.Evans@cern.ch>, Daniel Leroy <Dfl.Leroy@cern.ch>, Ranko OSTOJIC <Ranko.Ostojic@cern.ch>

Hello Jim,

I have checked with those concerned and CERN accepts BCT 65 concerning the milestones for the SC testing work at BNL.

Best regards,

Phil Bryant.

-----Original Message-----

From: James Strait [mailto:strait@fnal.gov]
Sent: Friday, May 21, 2004 5:43 PM
To: Philip Bryant
Subject: [Fwd: SC Test Completion Milestone Definition]

----- Original Message -----

Subject: SC Test Completion Milestone Definition
Date: Fri, 21 May 2004 08:48:49 -0500
From: James Strait <strait@fnal.gov>
To: Lyn Evans <Lyn.Evans@cern.ch>, Phil Bryant <Phil.Bryant@cern.ch>
CC: Daniel Leroy <daniel.leroy@cern.ch>, Ranko Ostojic
<ranko.ostojic@cern.ch>

Lyn, Phil,

I attach another BCR which updates the definition of the milestone (level 2 and level 3) for the completion of the SC testing work at BNL. The old definitions hark back to a more optimistic time, while the new definitions tie the completion directly to the work scope documented in the memo between Daniel and Arup that makes Appendix 3 of the IA. Our Project Management Plan requires that we obtain your approval for any changes to the level 2 milestone in this BCR. Your approval can be documented by a reply to this e-mail, and it will become an attachment to the BCR.

Best regards,
Jim